PENNSYLVANIA NONPOINT SOURCE PROGRAM
FY2017 PROJECT SUMMARY

DEP Staff

Project Title: Nonpoint Source Program-Office of Water Resource Planning and Regional Offices
Project Number: 1701
Budget: $1,144,885 (not including project 1702 EPA in-kind funds)
Funding Category: Program (Base)
Lead Agency: DEP, Office of Water Resource Planning
Location: DEP Central Office/DEP Regional Offices
Point of Contact: Doug Goodlander, DEP

This project will strengthen the links between Central Office Program staff and the Regional Offices and enhance the roles of the DEP Regional and Mining Offices in the Nonpoint Source Program. The project will fund a total of 8.0 work years of effort for NPS watershed restoration activities overseen and directed by regional and mining office staff and effort provided within the Central Office to support the updating, implementation and administration of the Section 319 NPS Management Program Plan. The positions within the Central Office providing effort towards this workplan include: a conservation program manager, two water program specialists, one water pollution biologist, a conservation program specialist, and a management technician. This project will require $229,453 in indirect costs.

The below project numbered 1702 provides additional funding for EPA Region III personnel assigned to support the states' WPT obligations. Funding for project 1702 comes from EPA in-kind resources.

Project Title: Grants and Watershed Plan Tracking
Project Number: 1702
Budget: $10,000 (EPA in-kind funds)
Funding Category: Program (Base)
Lead Agency: DEP, Office of Water Resource Planning
Location: DEP Central Office/DEP Regional Offices
Point of Contact: Doug Goodlander, DEP

A part time Contractor/Senior Environmental Employee (SEE) will work closely with State staff members to enter information into the Watershed Plan Tracker (WPT) and Grants Reporting and Tracking System (GRTS). Work will focus on improving the information in these databases, the structure of the information, and the reports provided through these

tracking systems. This work will allow the program to have a more complete, accurate and coordinated program tool to track program expectations and results.

DEP Monitoring and Planning

Project Title: Statewide Lake Water Quality Assessments
Project Number: 1703
Budget: **$**26,500
Funding Category: Program (Base)
Lead Agency: DEP, Bureau of Clean Water
Location: Statewide
Point of Contact: Barbara Lathrop, DEP

DEP will coordinate the assessment of 5 Pennsylvania's Significant and Important Lakes. The lakes will be sampled to determine trophic status, nutrients, macrophyte coverage and fisheries (if no previous data exists). Sampling will be done by DEP in coordination with our partners at DCNR and PFBC using DEP's standard lake protocol. The water quality work addressed by this work plan includes the collection of samples and submission to DEP's laboratory for analysis. This project is supported by a prior project (1602) with Bradford County Conservation District (BCCD) to provide staffing to assist with this lake assessment work

Project Title: Monitoring Projects for Improvement in WIP Watersheds
Project Number: 1704
Budget: $21,500
Funding Category: Project (Incremental)
Lead Agency: DEP, Bureau of Clean Water
Location: Statewide
Point of Contact: Cheryl Snyder, DEP

DEP staff will monitor stream restoration and CREP-funded stream bank fencing/cattle crossing/riparian buffer planting projects as well as AMD impacted streams on 319 program watersheds having an EPA approved Watershed Implementation Plan (WIP). Staff will also continue to work with local watershed and monitoring groups to monitor AMD treatment systems and receiving streams, stream restoration projects and CREP projects in order to gauge the effectiveness of these projects, establish water quality trends, and identify improving water bodies in WIP watersheds. This project will utilize both field and laboratory testing and will follow the DEP Laboratory's EPA-approved QA/QC procedures. As stream sections within these projects show improvement, they will be referred to DEP's Water Quality Standards staff for reassessment and possible delisting. Staff will also assist conservation districts in

monitoring the effectiveness of farm-related BMPs being implemented as part of the NRCS/EPA collective National Water Quality Initiative in one WIP watershed.

Project Title: Monitoring Projects for Improvement
Project Number: 1705
Budget: $15,500
Funding Category: Program (Base)
Lead Agency: DEP, Bureau of Clean Water
Location: Statewide
Point of Contact: Cheryl Snyder, DEP

DEP staff will monitor priority AMD treatment systems and receiving streams, stream restoration projects, targeted agricultural compliance watersheds, and CREP project areas in order to gauge the effectiveness of these projects/programs, establish water quality trends, and identify improving water bodies not within EPA approved WIPs. DEP staff will work with local watershed and monitoring groups where possible to support this effort. This project will utilize both field and laboratory testing and will follow the DEP Laboratory's EPA-approved QA/QC procedures. As stream sections within these projects show improvement, they will be referred to DEP's Water Quality Standards staff for reassessment and possible delisting.

Project Title: TMDL Planning
Project Number: 1706
Budget: $25,000
Funding Category: Program (Base)
Lead Agency: DEP, Bureau of Clean Water
Location: Statewide
Point of Contact: Bill Brown, DEP

Continued TMDL development for some pollutants require additional models to be developed or existing models to be modified. In addition, tracking of load and wasteload allocations in TMDLs requires applications to be developed or modified for Department use that are capable of interfacing with existing and future TMDL models. TMDL Program staff will conduct a needs assessment to determine which models and applications are necessary to meet TMDL development and tracking needs. Based on this assessment, contractors will be used to develop new or modify existing applications to meet these needs.

Abandoned Mine Drainage Projects

Project Title: Sandy Run SAO-D14 AMD Design and Permit
Project Number: 1707
Budget: $18,000
Funding Category: Project (Incremental)
Lead Agency: Broad Top Township
Location: Sandy Run, Broad Top Township
Point of Contact: Donna Wagner, DEP; Malcolm Crittenden, DEP; David Thomas, Broad Top Township

This project is a proposal to finish the design on the SAO-D14 discharge in Sandy Run. This AMD discharge along the main stem of Sandy Run is a top priority of the updated Watershed Implementation Plan, completed in 2007 and 65% of the design was completed using funding from ACOE. Future construction of this system is expected to remove 360 lbs/day of acidity, 25 lbs/day of iron and 27.4 lbs/day of aluminum from Sandy Run.

Project Title: Six Mile Run SX10-D2 AMD Remediation - Construction
Project Number: 1708
Budget: **$**424,440
Funding Category: Project (Incremental)
Lead Agency: Broad Top Township
Location: Six Mile Run, Bedford County
Point of Contact: Donna Wagner, DEP; Malcolm Crittenden, DEP-Cambria DMO; David Thomas, Broad Top Township

This project on this AMD discharge along the main stem of Six Mile Creek is a top priority of the updated Watershed Implementation Plan, completed in 2007. Treatment of this discharge should restore the last ½ mile of stream. This project will construct a treatment system (design completed with leftover funds in their 2012 grant) consisting of a series of two flushable limestone beds and a settling pond. This system is expected to remove 439 lbs/day of acidity, 3.7 lbs/day of iron and 48.8 lbs/day of aluminum from Six Mile Run.

Project Title: Beldin AMD Treatment System - Construction
Project Number: 1709
Budget: $227,131
Funding Category: Project (Incremental)
Lead Agency: Clearfield Creek Watershed Association
Location: Little Laurel Run, Cambria County
Point of Contact: Donna Wagner, DEP; Malcolm Crittenden, DEP-Cambria DMO; Arthur Rose, Clearfield Creek Watershed Association

Little Laurel Run has an approved Section 319 Watershed Implementation Plan. The Old Beldin Mine is the 6th discharge out of 6 to be addressed by the Clearfield Creek Watershed Association. This project will complete construction of a passive treatment system which consists of a settling pond, two parallel vertical flow ponds and a final wetland. The system is expected to remove 41 lbs/day of acidity and 14 lbs/day of iron. Once construction of this project is complete, the majority of the acidity loading in Little Laurel Run will be removed.

Project Title: MON 40 - 42 AMD Treatment – Construction Phase 1
Project Number: 1710
Budget: $377,863
Funding Category: Project (Incremental)
Lead Agency: Clearfield County Conservation District
Location: Montgomery Creek, Clearfield County
Point of Contact: Donna Wagner, DEP; Eric Rosengrant, DEP; Kelly Williams, Clearfield County Conservation District

This proposal is to construct Phase 1 of a passive treatment system to treat the Mon 40, 41, 42 discharges found in a tributary to Montgomery Creek, locally known as Montgomery Run. This stream empties directly into the West Branch Susquehanna River. The design and permitting was funded with a 2009 Section 319 grant. The Montgomery Run Watershed Implementation Plan lists this project as its #3 priority in restoring this impaired watershed. Phase 1 construction consists of an oxic limestone channel with several settling basins that are expected to remove 34 lbs/day of acidity from entering the watershed.

Project Title: Bilger's Run Discharge 4.0 AMD Treatment System - Construction
Project Number: 1711
Budget: $300,000
Funding Category: Project (Incremental)
Lead Agency: Pike Township
Location: Bilger Run, Anderson Creek, Clearfield County
Point of Contact: Donna Wagner, DEP; Eric Rosengrant, DEP-Moshannon DMO; Jim Norris, Pike Township

Bilger Run is a tributary of Kratzer Run in the Anderson Creek watershed which has an approved Watershed Implementation Plan. One priority AMD discharge was addressed with the construction of an ALD funded in 2007 by Section 319. The Bilger 4.0 is the second priority in Bilger Run and design was completed with a 2012 Section 319 grant. The passive treatment will consist of two oxic limestone drains and is expected to remove 35.5 lbs/day of acidity, 2.8 lbs/day of iron, 4.3 lbs/day of aluminum and 7.9 lbs/day of manganese.

Project Title: Little Anderson Creek Monitoring/WIP Update
Project Number: 1712
Budget: $60,700
Funding Category: Project (Incremental)
Lead Agency: Trout Unlimited, Inc.
Location: Little Anderson Creek, Anderson Creek, Clearfield County
Point of Contact: Donna Wagner, DEP; Eric Rosengrant, DEP-Moshannon DMO; Rachel Kester, Trout Unlimited, Inc.

Little Anderson Creek is a tributary to Anderson Creek which has a Watershed Implementation Plan (WIP) completed in 2006. The original WIP, due to the size of the watershed, was only able to identify general problem areas and not specific discharges. These areas may have had numerous discharges flowing into that specific sampling point. Priorities were then based on these areas. Also, since that time several projects have been completed in the watershed and water quality improvements have been seen. This proposal is to study a subwatershed, Little Anderson Creek, in more detail to detect any changes in water quality and to study specific discharges in more detail. An updated list of priorities will be developed and conceptual designs will be completed on the top four identified discharges.

Project Title: Otto Discharge AMD Restoration Phase 2 Design
Project Number: 1713
Budget: $68,727
Funding Category: Project (Incremental)
Lead Agency: Schuylkill Headwaters Association, Inc.
Location: Wabash Creek, Schuylkill County
Point of Contact: Donna Wagner, DEP; Dan Koury, DEP; William Reichert; Schuylkill Headwaters Association, Inc.

A passive treatment system consisting of an oxidation/settling pond, two aerobic wetland cells and oxic limestone drain was built in 2005 (funded by Section 319 in 2003). The system has been in operation for 11 years and two main concerns have surfaced. First, the wetland cells are full of sediment and vegetation causing some overflow that in time could lead to a berm failure. Second, iron removal rates ended up being lower than hoped because an aeration system originally proposed could not be installed due to lack of funds. This proposal will design a more effective system and will evaluate various aeration strategies that will increase treatment efficiency. It will also include a plan to improve clean-out access.

Agriculture Projects

Project Title: Mill Creek Watershed Implementation Plan Amendment
Project Number: 1714
Budget: $96,600
Funding Category: Project (Incremental)
Lead Agency: Lancaster County Conservation District
Location: Mill Creek, Lancaster County
Point of Contact: Carl Rohr, DEP; Matt Kofroth, Lancaster County Conservation District

The Mill Creek Watershed Implementation Plan (WIP) is ten years old. In the last ten years a lot has been accomplished in the Mill Creek watershed through the WIP. Antidotal evidence points to the fact that local water quality has benefited from implemented WIP projects but no hard evidence backs up these claims. This proposal addresses the needs for getting continuous monitoring probes for the Mill Creek watershed to document real-world changes in water quality. In addition, this proposal is recommending amendment to the 2006 WIP to gather ore aerial data for documenting possibly additional areas that may have been developed since the 2006 WIP was created. To finish out the WIP amendment update the Conservation District would like to use the new MapShed model to create a better picture within the WIP to show accomplishments to date and remaining challenges. The monitoring data and aerial recon will benefit this new modeling work and pull all of this together to get the most accurate WIP possible for the Mill Creek watershed.

Project Title: Lancaster County WIPs: Monitoring and Expedited Project Design
Project Number: 1715
Budget: $178,585
Funding Category: Project (Incremental)
Lead Agency: Lancaster County Conservation District
Location: Mill Creek, Conewago Creek, and Conowingo Creek, Lancaster County
Point of Contact: Carl Rohr, DEP; Matt Kofroth, Lancaster County Conservation District

The Lancaster County Conservation District is at a cross roads currently dealing with water quality issues within its boundaries. The county as a whole is being challenged on many fronts to improve local water quality which will in turn assist in cleaning up the Chesapeake Bay. The County could continue to work on projects listed in the various WIP's, assessments, and restoration plans for a host of watersheds in the county. Basically continue on the status quo. The other option is to lead by example and tackle additional projects in key DEP and EPA focused watersheds, like the WIP watersheds of the Conewago, Conowingo, and Mill Creek watersheds. The Conservation District is proposing the latter option for this proposal which would task the District with designing, planning, and permitting eight projects listed in the three WIP watersheds of Lancaster County. This additional work would assist in speeding up

implementation of WIP projects and get more accomplished quicker, cheaper, and more efficiently by a known natural resource leader not only in Lancaster County but in Pennsylvania. To assist even further the proposal is looking to install four continuous monitoring probes in two of the three WIP watersheds in the county, Conewago and Conowingo watersheds, to gather real world monitoring data on these WIP watersheds. This monitoring data is sorely needed to show local, state, and federal officials the true value of all of the WIP implementation work being doing in these targeted watersheds.

Project Title: Upper Kishacoquillas Creek Watershed Ag BMP Implementation
Project Number: 1716
Budget: $116,720
Funding Category: Project (Incremental)
Lead Agency: Mifflin County Conservation District
Location: Upper Kishacoquillas Creek Watershed, Mifflin County
Point of Contact: Carl Rohr, DEP; Justin Kozak, Mifflin County Conservation District

The Mifflin County Conservation District (the District) has an approved Section 319 Watershed Implementation Plan for the Upper Kishacoquillas watershed, completed in 2005. Since 2005, the District has been working with farmers in the watershed to implement best management practices (BMPs) to improve water quality by preventing excess nutrients and sediment from entering the streams and the ground water from agricultural sources. Agriculture is the primary source of the nutrient and sediment loading problems in the watershed. This grant application is a continuation of ongoing efforts of the Conservation District focusing on restoring this watershed. The installation of recommended conservation practices as outlined in this proposal will help to reduce sediment and nutrient water quality impairments througout the Upper Kishacoquillas Creek watershed. The conservation practices that will be employed through this grant include: Streambank Fencing (382); Stabilized Stream Crossing (578); Heavy Use Area Protection (561); Critical Area Seeding (342); Mulching (484); Walkway (575); Underground Outlet (620); Structure for Water Control (578); and Rock Lined Outlet (468). The District is eager to assist farmers with the installation of good conservation practices on the farms participating in this project. Several adjacent and nearby farms have recently completed conservation BMPs and embraced the concept of reducing nutrient and sediment entering the watershed. Incorporating additional sound practices to farms within this region will help to control excessive erosion and nutrient enrichment in the Upper Kishacoquillas Creek.

Lakes Projects

Project Title: Implementation of Stromwater BMPs in Harveys Lake Watershed
Project Number: 1717
Budget: $142,000
Funding Category: Project (Incremental)
Lead Agency: Harveys Lake Borough
Location: Harveys Lake, Luzerne County
Point of Contact: Barb Lathrop, DEP

This project is proposing to design and install a Nutrient Seperating Baffle Box stormwater system as identifed in the WIP (site number 21) in order to reduce nutrient loading into the lake and to retain the water quality successes seen in this watershed. In addition this grant extends the long-term, in-lake water quality monitoring program by two years (for the 2017 and 2018 growing seasons). This monitoring is critical to verify the load reductions attributed to the various projects and to monitor the health of the lake as the new practices installed in the watershed as well as the maintanance activities of the Borough become fully realized. Lastly this project includes public outreach as well as quantifying the pollutant load reductions in the watershed in order to quantify the improvements attributed to the vaious projects implemented within the watershed.

Stream Restoration/Urban Projects

Project Title: Conewingo Creek – Woy and Lloyd Construction
Project Number: 1718
Budget: $254,282
Funding Category: Project (Incremental)
Lead Agency: Donegal Chapter of Trout Unlimited
Location: Conewingo Creek Watershed, Lancaster County
Point of Contact: Derrick McDonald, DEP

This project will implement stream restoration practices within the Conowingo Creek watershed consistent with the EPA approved WIP. Work will be performed on 4 properties including sites numbered 24 and 101 in the WIP. Two landowners adjacent to site 24 will be involved in this improvement project as their property lies on the opposite stream bank from site 24 and work on both sides of the stream is needed in order to fully address this stream reach. Designs have been developed and the permits have been obtained for these projects using 319 funding under projects numbered 1229 and 1514. This stream restoration work will be done using natural stream design techniques consistent with PA Fish and Boat Commission preferred practices. Practices to be installed include J-hooks, rock deflectors, a lined swale, mudsills, a cross-vane, and forest buffer enhancements/plantings. Restoration work will take place on over 1,400 feet of stream and adjoining contributing areas on the Lloyd farm.

Project Title: Crouse Run Stream Restoration
Project Number: 1719
Budget: $85,580
Funding Category: Project (Incremental)
Lead Agency: Pine Creek Land Conservation Trust
Location: Pine Creek Watershed, Allegheny County
Point of Contact: Derrick McDonald, DEP

The purpose of this project is to construct practices for the restoration of 450 linear feet of stream using natural stream designs to grade eroded banks, reconnect the flood plain, plant a riparian forest buffer and install fish enhancement structures along Crouse Run, a tributary to the upper reaches of Pine Creek, Allegheny County. The design work for this project is being completed under 319 project number 1615. The natural in-stream and fish habitat structures to be installed under this project include three rock cross vanes, two log vanes with rock j-hooks and four rootwads. The bank stabilization methods include 302 feet of log toe and branch layering. Minor excavation, trail reestablishment and natural landscaping will also be part of the project. The restoration proposed in this grant is expected to achieve a reduction in the annual TSS load by 34,090 pounds. The Land Conservancy is partnering with the Chatham University School of Sustainability and the Environment for monitoring water quality before and after project implementation.

Project Title: Shupe Run Coal and Coke Trail Streambank Erosion Project
Project Number: 1720
Budget: $140,575
Funding Category: Project (Incremental)
Lead Agency: Jacobs Creek Watershed Association
Location: Shupe Run Watershed, Mount Pleasant Borough, Westmoreland County
Point of Contact: Kevin Kelly, DEP

The Jacobs Creek Watershed Association seeks funding to design and install streambank stabilization practices in Shupe Run on site number 112 as identified in the EPA approved WIP. The project will utilize nature stream methods and materials as recommended by PADEP, PFBC, and USFWS in an ongoing effort to further restore this sub-watershed. These BMPs, once constructed, will reduce bank erosion, reduce sediment load to the waterway, and re-establish an appropriate width to the stream channel. The project is expected to provide a reduction in sediment loss of 30,000 lbs per year. This project is a continuation of similar past work done in the Shupe's Run to minimize stormwater flow and restore damaged streambanks.

Project Title: Etna Green Streets Phase 3 - Design
Project Number: 1721
Budget: $60,050
Funding Category: Project (Incremental)
Lead Agency: Etna Borough
Location: Pine Creek Watershed, Allegheny County
Point of Contact: Kevin Kelly, DEP

The Borough of Etna seeks funding to continue working toward eventual full implementation of the Green Streetscape initiative in Etna in order to reduce the impacts of urban stormwater runoff in the lower Pine Creek watershed. This particular proposal will provide funding for designing, planning, and permitting of the phase 3 area of the "Green Streetscapes" initiative, namely the Butler Street central business district. Prior 319 project funds have gone towards the design, permitting and implementation of phases 1 of 2 of the Etna Greenstreets initiative, with the Phase 1 project receiving a PA Governor's Award for Environmental Excellence in 2016. This project will design and permit green infrastructure practices for the Phase 3 site including rain gardens and other infiltration facilities to infiltrate runoff coming from impervious roofs, sidewalks, roads, and parking lots in the treatment area. The green infrastructure practices will be designed to infiltrate the expected runoff from a 1.25 inch storm event. In addition to runoff volume reduction, these practices will be expected to remove 738 lbs of TSS, 1.8 lbs of TP and 2.7 lbs of TN per year.

Supplemental Projects

Project Title: Conservation District Mining Program (East)
Project Number: 1722
Budget: **$** 390,000
Funding Category: Program (Base)
Lead Agency: Eastern Pennsylvania Coalition for Abandoned Mine Reclamation (EPCAMR)
Location: Anthracite and northern bituminous regions of Pennsylvania
Point of Contact: Donna Wagner, DEP; Robert Hughes, Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

Eastern Pennsylvania Coalition for Abandoned Mine Reclamation (EPCAMR) was formed to promote and facilitate the reclamation and remediation of land and water adversely affected by past coal mining practices in eastern Pennsylvania. EPCAMR is a complimentary organization to the Western Pennsylvania Coalition. The EPCAMR Regional Coordinator will continue efforts to provide technical assistance to watershed associations, develop an education program, coordinate AMD remediation activities, generate local support for remediation efforts, and assist watershed associations and conservation districts in the development of watershed management plans and in securing funding for AMD remediation. The AMD Watershed Outreach Coordinator, in addition to assisting in these activities, will evaluate and comment on watershed restoration plans, seek funds for long-term maintenance projects and perform biological surveys and water quality testing on streams to document improvements.

Project Title: Conservation District Mining Program (West)
Project Number: 1723
Budget: $390,000
Funding Category: Program (Base)
Lead Agency: Western Pennsylvania Coalition for Abandoned Mine Reclamation (WPCAMR)
Location: Western Pennsylvania bituminous coal region
Point of Contact: Donna Wagner, DEP; Andy McAllister, Regional Coordinator, Western Pennsylvania Coalition for Abandoned Mine Reclamation

The purpose of the WPCAMR is to promote and facilitate the reclamation and remediation of abandoned mine drainage (AMD) in western Pennsylvania. Through this project the Regional Coordinator will continue to develop an education program including videos, coordinate AMD remediation activities, generate local support for remediation efforts, and provide technical support to watershed associations and conservation districts in the development of watershed management plans and in securing funding for AMD remediation. The Coordinator will continue to assist with development and implementation of projects and document improvements.

Project Title: Urban Stormwater BMP Monitoring Site
Project Number: 1724
Budget: $ 100,000
Funding Category: Program (Base)
Lead Agency: Villanova University
Location: Mill Creek, Montgomery County
Point of Contact: Douglas Goodlander, DEP; Dr. Robert Traver, Villanova University

The Villanova University is preparing to implement a significant expansion to their campus on the east side of Route 30. This redevelopment activity will include the removal of a significant paved parking area and the establishment of housing and other campus buildings as well as common open space. The University is looking to implement significant stormwater capture, reuse and infiltration BMPs in the redevelopment of this old parking area. The purpose of this project is to build upon the Phase 1 project funded using 319 monies, where instrumentation was installed and monitoring began to assess the amount and quality of runoff coming from the site before redevelopment. The Phase 2 project will continue this monitoring effort for an addition 2 years to track runoff during and immediately following this major redevelopment effort to capture important and regionally useful data relating to the effects of urban stormwater BMPs in an urban setting. Providing limited funding to partially support this monitoring network during and post construction will provide unique data that will be useful to stormwater managers across the state.

Project Title: BMP Implementation in Approved Watershed Implementation Plans
Project Number: 1725
Budget: $ 135,362
Funding Category: Program (Base)
Lead Agency: DEP, Office of Water Resources Planning
Location: Statewide
Point of Contact: Doug Goodlander, DEP

This project provides financial assistance to construct BMPs identified in Watershed Implementation Plans that have been accepted by EPA. Funding of BMPs in these watersheds will help reduce nonpoint source loads, achieve load reductions identified in the TMDLs and restore designated uses, with the ultimate goal of removing stream segments from the DEP Integrated Water Quality Monitoring and Assessment Report's impaired list. This project will focus on implementing agricultural BMPs in WIP watersheds within the Chesapeake Bay watershed as opportunities arise. Before any project is implemented, the proposed scope of work and budget will be submitted to the EPA project manager for review and approval.

Grant Match

Project Title: Conservation District Fund Allocation Program (Match)
Project Number: N/A
Budget: $ 1,051,666
Lead Agency: DEP, Office of Water Resources Planning
Location: Statewide
Point of Contact: Douglas Goodlander, DEP

This program is jointly administered by DEP and the State Conservation Commission and is funded from the State General Fund. This money is used to support the continuing activities of conservation districts by partially funding a district manager and one or two district technicians in each county. These staff are key in the Commonwealth's efforts to monitor and implement restoration activities on impaired stream reaches throughout Pennsylvania.

Project Title: Growing Greener Watershed Specialists (Match)
Project Number: N/A
Budget: **$** 2,155,000
Lead Agency: DEP, Office of Water Resources Planning
Location: Statewide
Point of Contact: Douglas Goodlander, DEP

This program provides grants to conservation districts to hire watershed specialists to help foster and support local watershed groups, implement educational activities and carry out watershed restoration and protection projects. Currently there are 67 watershed specialists performing these activities statewide. Included in their responsibilities is the obligation to provide expert advice to farmers and landowners for conservation practices and work with DEP on watershed restoration projects and proposals funded through the NPS 319 and Growing Greener programs.